

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G02B5/28 B32B17/10 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 G02B B32B C03C Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) **EPO-Internal** C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to daim No. X WO 01/23915 A (ARNOLD JOERG; MITSUBISHI 1-27 INTERNAT GMBH (DE)) 5 April 2001 (2001-04-05) page 4, paragraphs 5,6 page 5, paragraph 2 page 11, paragraph 3 Α EP 0 847 965 A (SAINT GOBAIN VITRAGE) 1,18 17 June 1998 (1998-06-17) page 7, line 17 - line 22 page 9, line 30 - line 34 Α US 6 174 592 B1 (SPERGER REINHARD ET AL) 1,18 16 January 2001 (2001-01-16) column 2, line 55 - line 64 column 4, line 21 - line 53 -/--Y Further documents are listed in the continuation of box C. Y Patent family members are listed in annex.

Special categories of cited documents: A' document defining the general state of the art which is not considered to be of particular relevance E' earlier document but published on or after the International filing date L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O' document referring to an oral disclosure, use, exhibition or other means P' document published prior to the international filing date but later than the priority date claimed	 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention invention. "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone. "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search 13 July 2004	Date of mailing of the inlemational search report 26/07/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patenttaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016	Authorized officer Hornung, A

INTERNATIONAL SEARCH REPORT

International Application No PCT/US2004/005273

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